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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/843,684	04/30/2001	Jacob McGuire	033048-062	1912
21839	7590	04/21/2006	EXAMINER	
BUCHANAN INGERSOLL PC (INCLUDING BURNS, DOANE, SWECKER & MATHIS) POST OFFICE BOX 1404 ALEXANDRIA, VA 22313-1404			SON, LINH L D	
			ART UNIT	PAPER NUMBER
			2135	

DATE MAILED: 04/21/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/843,684

Applicant(s)

MCGUIRE, JACOB

Examiner

Linh LD Son

Art Unit

2135

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 30 January 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-16 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-16 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This Office Action is responding to the Amendment received on 01/30/06.
2. Claims 1-16 are pending.
3. Claims 13-16 are newly added claims.

Response to Arguments

4. Applicant's arguments, see Amendment, filed 01/30/06, with respect to the rejection(s) of claim(s) 1-12 under U.S.C. 103 (a) have been fully considered and are persuasive. Therefore, the rejection has been withdrawn. However, upon further consideration, a new ground(s) of rejection is made in view of Garvey and Scholl. See the rejection below.

Claim Rejections - 35 USC § 103

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

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6. Claims 1-16 are rejected under 35 U.S.C. 103(a) as being unpatentable over Garvey et al, US Patent No. 5774667, hereinafter "Garvey" (Cited in US PTO 892 dated 11/30/04), in view of Scholl et al, US Patent No. 6145001, hereinafter "Scholl".

7. As per claims 1, 6, and 11-12:

Garvey discloses "A computer-implemented software tool for use in configuring firewalls, comprising: an interface executing on a computer which communicates with a database to obtain the identification of firewall devices associated with a network and generate a first image on a display of the computer which lists said devices" in (Figure 1, and Figure 2, Col 3 line 64 to Col 4 line 65);

"means responsive to the selection of one of the devices in said list to generate a second image on said display which lists conduits within said device, wherein each conduit is identified by descriptive names stored in said database for local and external devices and/or networks that are logically connected by the conduit" in (Figure 6-7, Col 4 line 66 to Col 5 line 15).

However, Garvey does not specifically teach of "obtaining the identification of the firewall devices associated with a network from a database". Garvey only discloses a network management workstation where the network data management is stored in (Col 3 lines 35-60).

Nevertheless, Scholl discloses a MIB database, which is also residing at the network management gateway and containing information of the managed networks, and managed objects (figure 3, and Col 7 lines 5-14).

Therefore, it would have been obvious at the time the invention was made for one having ordinary skill in the art to modify Garvey's invention to include the MIB database to store the managed networks, and managed objects data for proper data management in a large scale network needs.

8. As per claims 2 and 7:

Garvey and Scholl disclose "The tool of claim 1, further including means responsive to the selection of one of the devices listed in said first display to generate a third image on said display which lists internal networks owned by an entity associated with the selected device, and means to selectively open and close conduits respectively corresponding to said internal networks" in (Garvey, Figure 7).

9. As per claims 3 and 8:

Garvey discloses "The tool of claim 2 wherein said means to selectively open and close conduits comprises a graphical object adjacent each listing of an internal network that can be selected by a user to toggle between open and closed states for the listed network" in (Garvey, Figure 7).

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10. As per claims 4 and 9:

Garvey discloses "The tool of claim 2 wherein said third display image further includes means for adding a new conduit to one of the internal networks" in (Garvey, Figure 7 #770).

11. As per claims 5 and 10:

Garvey discloses "The tool of claim 4 wherein said means for adding a new conduit to one of the internal networks includes an identification of each protocol that can be associated with the new conduit, and graphical objects via which a user can select each of said protocols" in (Garvey, Figure 7 #770).

12. As per claims 13 and 15:

Garvey and Scholl disclose "The tool of claims 1 and 6 wherein said second image comprises a table having a first column in which the descriptive names of the local devices and/or networks for the conduits of the selected firewall device are listed, and a second column in which the descriptive names of the corresponding external devices and/or networks for the respective conduits are listed" in (Garvey, Figure 6).

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13. As per claims 14 and 16:

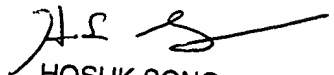
Garvey discloses "The tool of claims 13 and 15, wherein said table includes a third column in which the protocols associated with respective conduits are listed" in (Garvey, Figure 6).

14. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Linh LD Son whose telephone number is 571-272-3856. The examiner can normally be reached on 9-6 (M-F).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kim Vu can be reached on 571-272-3859. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Linh LD Son
Examiner
Art Unit 2135


HOSUK SONG
PRIMARY EXAMINER